

Public Service Company of Colorado

P. O. Box 361, Platteville, Colorado 80651

December 15, 1975
Fort St. Vrain
Unit No. 1
P-75023



Mr. E. Morris Howard, Director
Nuclear Regulatory Commission
Region IV
Office of Inspection and Enforcement
Suite 1000
Arlington, Texas 76012

REF: Facility Operating License
No. DPR-34

Docket No. 50-267

Dear Mr. Howard:

Enclosed please find a copy of Unusual Event Report No. 50-267/75/18A,
Final, submitted per the requirements of the Technical Specifications.

Very truly yours,

Frederic E. Swart
Superintendent, Nuclear Production
Fort St. Vrain Nuclear
Generating Station

FES/alk

cc: Mr. Roger S. Boyd

COPY SENT REGION

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PDR ADGCK 05000267
S PDR

REPORT DATE: December 15, 1975

UNUSUAL EVENT 75/18A

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OCCURRENCE DATE: September 24, 1975

FORT ST. VRAIN NUCLEAR GENERATING STATION
PUBLIC SERVICE COMPANY OF COLORADO
P. O. BOX 361
PLATTEVILLE, COLORADO 80651

REPORT NO. 50-267/75/18A

FINAL

IDENTIFICATION
OF OCCURRENCE:

While removing the boron carbide balls from the Reserve Shutdown hopper assembly of control rod drive, serial number 28, core region 13, it was noted that there was a light deposit of white crystals on the surface of several of the balls.

This was identified as an unusual event per ADM 31, Attachment 4.1, II.C.

CONDITIONS PRIOR
TO OCCURRENCE:

<u>Steady State Power</u>	<u>Routine Shutdown</u>
<u>Hot Shutdown</u>	<u>Routine Load Change</u>
<u>X Cold Shutdown</u>	<u>Other (specify)</u>
<u>Refueling Shutdown</u>	<u></u>
<u>Routine Startup</u>	<u></u>

The major plant parameters at the time of the event were as follows:

Power	RTR <u>0</u>	MWth
	ELECT <u>0</u>	MWe
Secondary Coolant	Pressure <u>N/A</u>	psig
	Temperature <u>N/A</u>	°F
	Flow <u>N/A</u>	#/hr.
Primary Coolant	Pressure <u>0</u>	psig
	Temperature <u>120</u>	°F Core Inlet
	<u>120</u>	°F Core Outlet
	Flow <u>1 circulator at 4,000 RPM</u>	#/hr.

DESCRIPTION OF
OCCURRENCE:

As stated in the attached report, "Status Report on Reserve Shutdown System", by General Atomic Company Staff, November, 1975; GA-A 13742.

APPARENT CAUSE
OF OCCURRENCE:

As stated in the attached report, "Status Report on Reserve Shutdown System", by General Atomic Company Staff, November, 1975; GA-A 13742.

ANALYSIS OF
OCCURRENCE:

As stated in the attached report, "Status Report on Reserve Shutdown System", by General Atomic Company Staff, November, 1975; GA-A 13742.

CORRECTIVE
ACTION:

Since the capability of the system or related systems is in no way effected, no further corrective action will be taken.

FAILURE DATA/SIMILAR REPORTED OCCURRENCES:

None

PROGRAMMATIC IMPACT:

None

CODE IMPACT:

None

Submitted by:

Harvey W. Hilliard, Jr.

Harvey W. Hilliard, Jr.
Technical Services Supervisor

Reviewed by:

Dick Nirschl

Dick Nirschl
GAC Fuels Division Representative

Approved by:

Frederic E. Swart

Frederic E. Swart
Superintendent, Nuclear Production

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